

# SLIP AND FRICTION TESTER MODEL 32-07



For over 30 years, The TMI Group of Companies has a history of producing reliable, accurate and robust testing instruments for measuring Coefficient of Friction. The Model 32-07 is our latest design offering advanced features for measuring and automatically calculating Static and Kinetic Coefficient of Friction. The Slip and Friction tester is designed to measure the sliding resistance of sheet like materials including Plastic Film, Packaging Film Laminates, Paper, Paperboard and Coated surfaces.

Slip and Friction testing aids in the evaluation of chemicals and additives used to create or minimize the degree of friction between two contacting test specimens.

## APPLICATIONS

Paper, Flexible Packaging, Foils, Rubber, Plastics, Wood, Linoleum, Metal, Printing, Coatings, Composites

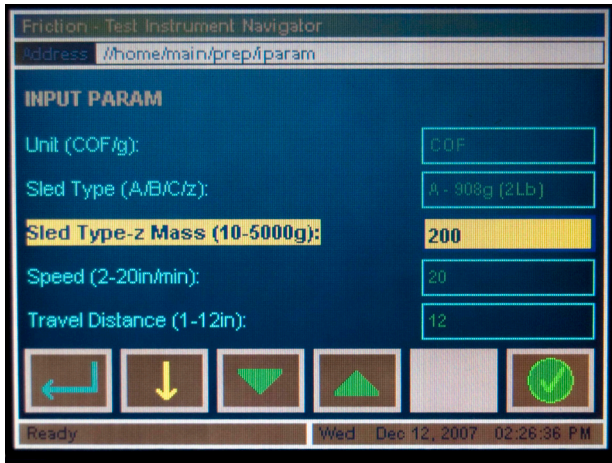
## SPECIFICATIONS

- Selectable speed from 5 to 50.8 cm per minute (2 to 20 in per minute)
- Selectable travel distance from 2.5 to 30.5 cm (1 to 12 in.)
- Load cell: 14.7 newtons (1.5kg, 3.3lbs)
- Meets TAPPI T816, T549, and ASTM D1894

## FEATURES

- Digital display, storage and editing of up to 100 readings, and selectable units (COF or grams)
- Settable limits
- Statistics-average, standard deviation, high/low results.
- Report printout with built in printer
- RS-232
- Static and kinetic coefficient of friction calculated in one operation.
- Direct drive arm with unique skid control.
- Sled-connecting mechanism ensures level pulling action.
- Easily interchangeable sleds.
- Large 5.7 inch color display shows all results and settings.
- Intuitive result data in color allows operator to easily read pertinent result information.
- Includes calibration fixture

# SLIP AND FRICTION TESTER MODEL 32-07



- ▲ Set up screen for entering sample parameters.



- ▲ Intuitive Software design and touch panel allows simple test operation.

## SPECIFICATIONS

Model	32-07-00-0001
Speed Range	5 to 50.8 cm per minute (2 to 20 in per minute)
Travel Distance	2.5 to 30.5 cm (1 to 12 in)
Load Cell	14.7 newtons (1.5kg, 3.3lbs)
Weight	25 kg (55 lb)
Instrument Size (W x D x H)	679 mm x 502 mm x 406 mm (26.75 in x 19.75 in x 16 in)
Electrical	Specify voltage requirements when ordering

## STANDARDS

TAPPI T549	Coefficients of Static and Kinetic Friction of Uncoated Writing and Printing Paper by use of the Horizontal Plane Method
TAPPI T816	Coefficient of Static Friction of Corrugated and Solid Fiberboard (Horizontal Plane Method)
ASTM D1894	Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
ISO 8295	Coefficient of Friction of Plastics, Film and Sheeting

Other Models Available

©2013 Testing Machines, Inc. All rights reserved. Specifications subject to change.



**THE TMI GROUP OF COMPANIES**

40 McCullough Drive, New Castle, DE 19720 USA  
Phone: (302) 613-5600 Fax: (302) 613-5619  
info@testingmachines.com

**Messmer Büchel (Büchel BV)**  
Veenendaal, Netherlands

**Adamel Lhomargy SARL**  
Roissy en Brie, France

**Lako Tool & Manufacturing, Inc.**  
Ohio, USA

**TMI Europe GmbH & Co. KG**  
Mönchengladbach, Germany

**PT. TMI Asia**  
West Java, Indonesia

[www.testingmachines.com](http://www.testingmachines.com)

**Lawson-Hemphill**  
Massachusetts, USA

**TMI Canada**  
Quebec, Canada

[www.lawsonhemphill.com](http://www.lawsonhemphill.com)

**FIBRO System AB**  
Stockholm, Sweden

**TMI Trading (Shanghai) Co., Ltd.**  
Shanghai, China

[www.fibro.se](http://www.fibro.se)

**Lako Tool Latino America SAS**  
Medellín, Colombia

[www.lakotool.com](http://www.lakotool.com)